



Product Catalog



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High-Energy Spark Plug Gauge
Part No. 2633A

6 round wires / .040, .044, .045, .050, .060, .080 with double end electrode adjusting tool.



32 Blade Gauge
Part No. 36A

32 straight blades / .0015, .002, .0025, .003 thru .026 and .028, .030, .032, .035 and .010 brass blade for transistorized engines.



12 Blade Offset gauge
Part No. 39A

12 offset blades, approximately 4" long, .008, .010, .012, .013, .014, .015, .016, .018, .019, .020, .025, .026.



E-Z Grip Spark Plug Gap Gauge
Part No. 4450A

This patented universal spark plug gauge is always at your fingertips by utilizing the "pocket-clip" features for your shirt pocket. Full range coverage for all spark plug gapping from .020 to .080. Metric gapping scale on reverse side



Ramp Style Feeler Gauge
Part No. 712C

Spark Plug gap tool which adjusts spark plug gap in graduated ramp sequence. Sizes in inches: .020 to .080in. and millimeters: .06 to 2.0mm



Wrenches

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2 Pc. Serpentine Belt Wrench Set Part No. 5339

- Sizes: 13mm or 1/2" Hex, 14mm Hex, 15mm Hex, 17mm Hex, 19mm or 3/4" Hex, 3/8" Square, 1/2" Square
- The Serpentine Belt Wrench set is designed to release the tension on spring-loaded pulleys
- This set allows direct access to the tensioner without having to removed engine accessories or frame components
- Ratcheting wheels allow quick and east positioning of the wrench driving end to allow the user to access the tensioner from any angle. This can be done by rotating the end on the wrench to match the position of the serpentine belt tensioner
- Heat treated and nickel chrome plated for durability, appearance, and long tool life



5 Pc. Extra-Long Ratcheting Box Wrench Sets Part No. 5368

- The extra-long feature of each wrench allows the user to access bolts located in hard-to-reach areas
- The extra-long wrench can be used to apply greater leverage than can be achieved with conventional wrenches
- Ratcheting mechanism allows for quicker and easier operation than a standard open box wrench

Positive non-slip fit

- Heat treated and nickel chrome plated for durability, appearance, and long tool life
- SAE Sizes for 5368: 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", 3/4" x 7/8", 1/4" x 5/16"
- Metric Sizes for 5369: 8mm x 10mm, 12mm x 14mm, 13mm x 15mm, 17mm x 19mm, 18mm x 21mm



7 Pc. Ratcheting Screwdriver Bit Wrench Set Part 5278

This screwdriver bit set is designed for installing or removing screws quickly and easily.

The set contains: three bit wrenches, two offset and one flat, four bits, a #1 Phillips(, #2 Phillips(, 1/4" Slotted, and a 9/32" slotted.

Description:

The three bit wrenches each contain a powerful magnet that holds any 1/4" hex bit securely, and a vinyl grip for comfort. Reverse direction by simply flipping the reversing pawl. Knurled spinner wheel allows for finger tightening of fasteners. Ideal for use in the home, auto, marine or on hobbies. The tools parts are heat-treated and nickel plated for durability, appearance, and long tool life.



Wrenches

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Tiger's Paw Adjustable Wrenches Part No. 414, 415, 416, & 417

Product Applications:

For loosening or tightening nuts and bolts.

Tool Description:

Adjustable wrenches in 6", 8", 10" or 12" lengths.

Features, Benefits & Specs:

- The unique functioning jaw design precisely grips the flat surface of the fastener while avoiding and protecting the corners of the nut.
- "Sure-grip" feature also reduces slippage that can damage fastener.
- Tiger's Paw™ wrenches have a "non-protruding feature" on the movable jaw end. This allows a greater ease of use in tight spaces when the jaw is opened to its maximum width.
- Our new geometric "Less Weight Stronger Handle Design" reduces the overall weight of the tool by 10%.
- 18% to 25% wider jaw opening increases useful range of fastener sizes and give the advantages of economy, convenience and lighter weight.
- Professional Quality made of Chrome Vanadium Steel.
- Laser etched gauge displays inches on one side of jaw, millimeter on the other.
- Patented



Reversible & Offset GEARTECH ratcheting combination wrench sets Part No. 5401 & 5402

Description of Tool:

- Thin profile and knuckle clearance
- One hand reersing button
- Fine tooth ratcheting action - 5 degree sweep

Features, Benefits, & Specifications:

- All box openings are 12 point Torque Grip®
- Attractive retail, demonstration mode packaging
- Polished chrome-vanadium steel

7-Pc Standard Set (No. 5401)

Includes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"

7-Pc Metric Set (No. 5402)

Includes: 8, 10, 12, 13, 14, 15, 17mm



Wrenches

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43-Pc. GEARTECH MASTER tool sets Part No. 5407 & 5408

Features, Benefits, & Specifications:

- Includes the Ratcheting Palm Driver System
- GEARTECH bit adaptor
- Transforms to a ratchet handle
- This versatile tool set can do it all
- Attractive retail packaging includes heavy-duty reuseable and portable blow-molded box.

43-Pc Standard Set (No. 5407) Includes:

- (5) GEARTECH combination wrenches - 3/8", 7/16", 1/2", 9/16", 5/8"
- (10) 1/4" Dr. 6-pt. sockets - 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
- (7) 3/8" Dr. 6-pt. sockets - 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

43-Pc Metric Set (No. 5408) Includes:

- (5) GEARTECH combination wrenches - 10mm, 12mm, 13mm, 14mm, 15mm
- (10) 1/4" Dr. 6-pt. sockets - 4mm, 4.5mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 13mm
- (7) 3/8" Dr. 6-pt. sockets - 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm

Included in BOTH SETS:

- (1) 3/8" Dr. 3" extension bar
- (1) 3/8" female to 1/4" male adaptor
- (1) 3/8" Dr. GEARTECH wrench adaptor
- (1) 1/4" Dr. 60L bit holder
- (1) 1/4" Dr. coupler
- (1) Fingertip ratchet
- (15) Most popular slotted, Phillips® and TORX® bits



3 Pc. Universal Ratcheting Serpentine Belt Wrench Set for Domestic and Import Vehicles Part No. 5344

- Sizes: 13mm or 1/2" Hex, 14mm Hex, 15mm Hex, 16mm or 5/8" Hex, 17mm Hex, 18mm Hex, 19mm or 3/4" Hex, 3/8" Square
- The Serpentine Belt Wrench Set is designed to release the tension on spring-loaded idler pulleys
- This set allows direct access to the tensioner without having to remove engine accessories or frame components
- Ratcheting wheels allow quick and easy positioning of the wrench driving end to allow the user to access the tensioner from any angle. This can be done by rotating the drive end on the wrench to match the position of the serpentine belt tensioner
- Heat treated and nickel chrome plated for durability, appearance, and long tool life



Wrenches

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5 Pc. Offset Ratcheting Box Wrench Sets Part No. 5362 & 5363

- Includes five of the most popular offset ratcheting wrenches and the new Torque-Grip wheel design
- Torque-Grip wheel design enables the wrench to apply more torque to the fastener without damaging the fastener
- All torque is applied to the sides of the fastener, not the points
- Packaged in an attractive, high impact plastic, caddy which can be carried by the convenient handle or wall mounted
- SAE Sizes for 5362: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 3/4", 11/16" x 7/8"
- Metric Sizes for 5363: 7mm x 8mm, 9mm x 10mm, 12mm x 13mm, 14mm x 15mm, 19mm x 21mm
- Patented



Latch-On® Box Wrenches Part No. 5422 & 5424

Product Applications:

Those "hard-to-get-at" nuts and bolts are easy to turn with these top quality ratcheting box wrenches.

Description of Tool:

Flat ratcheting box wrench set.

Standard sizes: 1/4"x5/16", 3/8"x7/16", 1/2"x9/16", 5/8"x3/4", 11/16"x7/8".

Metric Sizes: 7x8mm, 9x10mm, 11x12mm, 13x14mm, 15x17mm

Features, Benefits, & Specifications:

- Feature a built-in non-slip retaining ring in each ratchet wheel to create the ultimate in speed and safety when turning fasteners.
- A nut can be tightened or loosened up to five times faster than with a conventional wrench or ratchet wrench.
- Reduces chance of busting knuckles because of annoying slippage of the fastener.



5 Pc. Offset Ratcheting Screwdriver Bit Wrench Set Part No. 5345 & 5370

- Two sets available: Reverse Offset Bit Wrench Set (5345) and Standard Offset Bit Wrench Set (5370)
- These bit wrenches allow you to access where conventional screwdrivers and bit drivers fail to reach
- Reverse direction by simply flipping the reverse pawl
- Knurled spinner wheel allows for finger tightening of fastener
- Works with both 1/4" and 5/16" drive bits
- The 25 degree offset keeps your knuckles up and away from the work surface
- Bit Sizes: #1 and #2 Phillips, 1/4" and 9/32" Slotted
- Patented



Wrenches

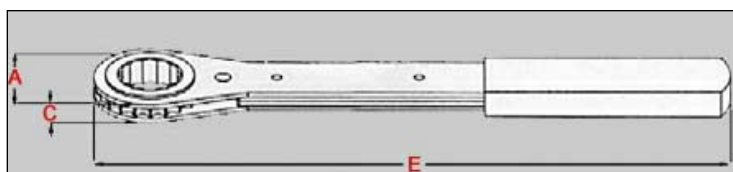
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Large Ratcheting Box Wrenches

Features, Benefits, & Specifications:

- A wide variety of sizes for heavy duty equipment and industrial applications
- Built for those tough jobs where lots of torque, leverage, and durability are required
- Combines quick ratcheting action with openings sized large enough to handle almost any job
- Requires less effort than a conventional combination wrench
- Heat-treated and nickel chrome plated for long life, durability, and appearance
- All wrenches contain 12-point Torque Grip wheels



- A wide variety of sizes for heavy duty equipment and industrial applications
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Part No	Size	Weight (lbs.)	Dimension A	Dimension B	Dimension C
RB-42	1-5/16	3.375	2-3/4	5/8	15-1/2
RB-44	1-3/8	3.375	2-3/4	5/8	15-1/2
RB-46	1-7/16	3.375	2-3/4	5/8	15-1/2
RB-48	1-1/2	3.375	2-3/4	5/8	15-1/2
RB-50	1-9/16	3.375	2-3/4	5/8	15-1/2
RB-52	1-5/8	3.375	2-3/4	5/8	15-1/2
RB-54	1-11/16	4.125	3-3/8	5/8	19
RB-56	1-3/4	4.125	3-3/8	5/8	19
RB-58	1-13/16	4.125	3-3/8	5/8	19
RB-60	1-7/8	4.125	3-3/8	5/8	19
RB-64	2	4.125	3-3/8	5/8	19
RB-68	2-1/8	4.125	3-3/8	5/8	19
RBM-22	22mm	1.000	1-5/16 - 2-5/16	9/16	12
RBM-23	23mm	1.000	1-5/16 - 2-5/16	9/16	12
RBM-24	24mm	1.000	1-5/16 - 2-5/16	9/16	12
RBM-25	25mm	1.000	1-5/16 - 2-5/16	9/16	12
RBM-26	26mm	1.000	1-5/16 - 2-5/16	9/16	12
RBM-27	27mm	1.000	1-5/16 - 2-5/16	9/16	12
RBM-29	29mm	1.000	1-5/16 - 2-5/16	9/16	12
RBM-30	30mm	1.000	1-5/16 - 2-5/16	9/16	12
RBM-32	32mm	3.375	2-3/4	5/8	15-1/2
RBM-36	36mm	3.375	2-3/4	5/8	15-1/2



4 Pc. Flat TORX Ratcheting Box Wrench Set Part No. 5346

- Includes four TORX wrenches which remove and install TORX Fasteners
- Sizes: E6 x E8, E10 x E12, E14 x E18, E20 x E24



Specialty Tools

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35 Piece Ratcheting Bit Wrench Set Part No. 5457

This set includes 32 bits, one offset wrench, one flat wrench, and an extension. The magnetic wrench wheels hold the bits in place. Contains most common size bits: Torx, Phillips, Hex, Pozdriv, Clutch, Slotted, and Robertson.



10 Piece Combination Bit Wrench Set Part No. BIT-10C

This set contains an offset ratcheting wrench with magnetic wheels and nine bits. Magnetic wheels hold the bits in place. Ideal for home, auto, boat, and almost any application which requires any of the following: #1 Phillips, #2 Phillips, 1/4" Hex, 9/32" Hex, Torx (T10 - T15 - T20 - T40 - T50).



Ratcheting Offset Oil Drain Plug Wrench Set with Magnetic Tool Bar Part No. 5395

Designed to remove and install oil drain plugs on most vehicles. Magnetic tool bar provides user with a convenient and simple holder to keep the wrenches within arms reach. Bright tool bar color makes it difficult to leave in place on the vehicle.



Ford Ignition Module Wrench Part No. FM-720A

Allows for easy removal of Ford ignition module without removal or tampering of the distributor. 25 degree offset ratcheting dual-ended wrench containing 7/32" hex(5.5mm), and T-20 Torx® bit.



Ford Headlight Adjusting Wrench Part No. 5529A

4mm x 4.5mm wrench with ratchet design for adjusting headlights on late model Fords. Wrench is 8" long to allow access to hard-to-reach areas containing adjusting screws. Works on aerodynamic designs and headlights with rear mounted adjusters.



**14 Piece Brake Caliper Guide Pin Bit Wrench Set
Part No. 5458**

This set is a real time saver for anyone working on disc brakes. The unique wrench design allows the user easy access to the guide pins located on the back inside of the wheel. For use when replacing disc brake pads or when working on brake caliper or rotors.



**GM Front Caliper Piston Retractor
Part No. 135**

Retractor pushes pistons back into the caliper allowing easy brake pad replacement. It is a unique one-of-a-kind tool which works on dual piston calipers. It also is a real time saver as this tool works "on" the vehicle and eliminates the need to bleed the brakes.



**GM Rear Caliper Piston Retractor
Part No. 136**

Retractor pushes pistons back into the caliper allowing easy brake pad replacement. It also is a real time saver as this tool works "on" the vehicle and eliminates the need to bleed the brakes. This one tool is designed to work on both right and left side calipers.



**GM Rear Guide Pin Removal Tool
Part No. 137**

This tool extracts guide pins that are frozen into the rear calipers. It is also a real time saver as this too works "on" the vehicle and eliminates the need to bleed the brakes. This one-of-a-kind tool helps prevent damage to guide pins and caliper bore and also requires no hammering to remove the guide pins.



**GM Rear Caliper Guide Pin Dust Boot Groove Cleaner
Part No. 138**

This tool cleans out the rear caliper guide pin dust boot groove. A real time saver, as this tool works "on" the vehicle eliminating the need to remove the caliper and bleed the brakes. Contains five replacement cutting blade tips and an E-Z grip handle for comfort and control.



Ford Dual Piston Caliper Retractor
Part No. 145

- This tool pushes both pistons back into the caliper, allowing for quick and easy brake pad replacement
- Works either "on" or "off" the vehicle
- Designed to work on 1987 to present Ford F250, F350, E250, E350, 2WD, and 4WD applications



Sink Drain Nut Pliers
Part No. 426

- Unique patent design allows for hassle-free removal and installation of all drain and slip nuts
- Toothed jaws provide positive uniform-gripping action
- Slim tooth design and length provides for easy access and added leverage in hard-to-reach areas
- Vinyl grip handles allow positive, non-slip grip, comfort, and control
- Unlike other tools, the Sink Drain Nut Pliers offers bi-directional usage without having to invert the tool, thus making the job quicker and easier



Tilt Steering Pivot Pin Remover
Part No. 525

- Removes pivot pins from Chrysler, Ford, and GM steering columns
- Each of the tool's three pieces are machined out of a separate solid piece of material, and heat-treated for added strength, durability, and long tool life
- Fits all tilt and telescoping steering columns, 1969 to present
- Patented



Battery Carrier
Part No. B-610

- Heavy-duty, saw-tooth jaw tips provide non-slip gripping power
- Accommodates battery size range of 3-1/2" to 7-3/4"



Specialty Tools

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Extra-Long 5/16" Ratcheting Side Terminal Battery Wrench Part No. 6525

- Extra-length (9-3/4") allows for better accessibility in reaching side terminals on the following: Pontiac Grand AM '94 to present, GM Lumina APV '94 to present, Ford Aerostar Van '94 to present, GM "W" Body cars '94 to present, Buick Regal, Olds Cutlass, Chevrolet Lumina, and Pontiac Grand Prix
- Features a reversing lever and a vinyl grip to prevent against electric shock



Ignition Module/Sensor Tester Part No. 350A

Designed for resale purposes and should be sold as a complete unit for testing ignition modules and sensors particularly those listed above. This unit requires a 9 volt battery or the Kastar No. 296A, 9 volt Battery Eliminator



12 Blade Offset gauge Part No. 39A

12 offset blades, approximately 4" long, .008, .010, .012, .013, .014, .015, .016, .018, .019, .020, .025, .026.



E-Z Grip Spark Plug Gap Gauge Part No. 4450A

This patented universal spark plug gauge is always at your fingertips by utilizing the "pocket-clip" features for your shirt pocket. Full range coverage for all spark plug gapping from .020 to .080. Metric gapping scale on reverse side



Ramp Style Feeler Gauge Part No. 712C

Spark Plug gap tool which adjusts spark plug gap in graduated ramp sequence. Sizes in inches: .020 to .080in. and millimeters: .06 to 2.0mm



Specialty Tools

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Ignition Module/Sensor Tester Part No. 350B

Allows the automotive jobber the ability to perform ignition module and sensor testing at the parts counter. Comes with the No. 269A 9 Volt Battery Eliminator. The jobber can perform testing functions without a 9 volt battery and doesn't have to be concerned about inaccurate readings as a result of low voltage from the battery. Most importantly, the No. 296A enables the jobber to perform test for intermittency.



Magnetic Spark Plug Sockets Part No. 528 & 529

528: 5/8" diameter - 3/8" drive
529: 13/16" diameter - 3/8" drive

- Unique design prevents damage to the spark plug's ceramic top
- Magnet firmly holds the spark plug for easy installation and removal avoiding the chance of dropping and damaging the spark plug
- Unlike sockets with rubber inserts, the permanent magnet in this socket will not wear out or be damaged by exposure to heat and oil



Square Drive Magnetic Bit Sockets Part No. 735 & 736

- These sockets can easily convert a 1/4" or 3/8" square drive ratchet wrench into a bit driver
- Powerful magnet located within the bit sockets holds bits securely in place
- Magnetic bit sockets work with any style bit having 1/4" or 5/16" hex size
- #735 contains: One-3/8" square drive x 1/4" hex socket, One-3/8" square drive x 5/16" hex socket
- #736 contains: One-1/4" square drive x 1/4" hex socket, One-1/4" square drive x 5/16" hex socket



6 Pc. Wheel Stud Installer Kits Part No. 755 & 938

- Patented six-piece set saves time by allowing you to install the new wheel stud correctly the first time
- Self centering wheel stud installer kit insures that the thread is installed at the correct angle every time
- Installer nuts will not damage wheel stud threads
- Components are impact gun compatible
- #755 kit is intended for use on Light Trucks and SUV's and contains sizes: 1/2"-20, 9/16"-18, 12mm-1.75, and 14mm-1.50, plus spacer and washer
- #938 kit is intended for use on Automobiles and contains sizes: 7/16"-20, 1/2"-20, 12mm-1.25, and 12mm-1.50, plus spacer and washer
- Patented



Specialty Tools

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Valve Stem Ratchets Part No. 780, 782, 915

Product Applications:

Used for reaching tire valves on heavy-duty trucks.

Tool Description:

These air chucks are combined with our E-Z Grip handles to provide comfort and a positive grip when using the air chucks,

Features, Benefits & Specs:

- Durable, heavy-duty handle stands up to tough shop abuse.
- 1/4" NPT pipe threaded end will accept an air line quick-disconnect fitting.

No. 780 - Designed for use on trucks, dual rear wheels, semi's, and hard to reach wheels.

No. 782 - Strait On Dual Head Tool. Permits access to hard to reach inner tandem wheels and includes the new tilt lock feature which locks onto the valve reducing user fatigue.



Reversible T-Handle Palm Ratchet Wrench Part No. 863Q

Product Applications:

Use the ratchet wrench where space is restricted, but power is needed.

Description of Tool:

1/4" drive ratchet, with reversing lever and quick-release press-button.

Features, Benefits, & Specifications:

- The wrench combines the advantages of a T-handle and a reversible ratchet.
- The ratcheting T-handle allows excellent hand leverage enabling more torque than a normal screwdriver or nut-driver.
- The wrench can be used with any 1/4" extensions, sockets or bit holder.



Fuel Injector Release Tool Part No. 4649

- Designed to save time when removing the fuel injector on GM's "J" body vehicles
- Unique pivoting tool design releases the fuel injector with the use of one hand



Specialty Tools

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Harness Connector Release Tools Part No. 4647

Product Applications:

These two tools provide access to, and save time, when disconnecting electrical connectors.

Tool Description:

Specially designed, heat-treated blades with E-Z Grip handles.

Features, Benefits & Specs:

- One tool designed for "pulling" connectors off, one designed for "pushing" connector off.
- Either tool can be conveniently used with one hand.
- Allows easy connector removal, regardless of component location.



Harley-Davidson Fork Tube Seal Installer
Model: Kastar 400

Product Applications:

Used for installation on all Harley-Davidson 35mm, 39mm, and 41mm fork tube seals.

Description of Tool:

A split sleeve is placed over the fork tube. A puller is placed onto the shock and sleeve. A large threaded rod is then turned to pull the seal into place without damaging or disassembling the entire fork.

Features, Benefits, & Specifications:

- Allows procedure to be completed without disassembly of the entire fork, which saves time.
- This tool pulls seals into place using a threaded rod preventing damage to the seals, replacing the conventional method of using a hammer to install the seals.
- Tool is supplied with several sleeves so broad application coverage is provided.



Harley-Davidson Rocker Box Cover
Ratcheting Bolt Wrench
Model: Kastar 6529

Product Applications:

Used for installation and removal of all Harley-Davidson Evolution motor rocker box covers.

Description of Tool:

9-3/4" long chrome plated single end reversible ratcheting wrench. Wrench contains 1/4" drive with 3/16" replaceable Allen bit, and vinyl grip.

Features, Benefits, & Specifications:

- Contains replaceable bit, so if bit is damaged a new bit can be purchased
- Reversible ratcheting action so bolts can be ratcheted in or out. If using a conventional wrench installers may unscrew the bolt up to the frame. Without the ability to reverse the bolt with a ratcheting wrench the bolt will be lodged in that position.
- Wrench is low profile to allow clearance between the frame and engine.
- Long handle for increased reach.
- Comfortable ergonomic rubber grip will not scratch chrome while working on rocker box cover.



Harley-Davidson 6 Spline Ratcheting Output Wrench
Model: Kastar 9793

Product Applications:

Used for rotation of the crankshaft on all Harley-Davidson Evolution Sportster motors. This tool is needed to check engine timing and parts clearance.

Description of Tool:

Chrome plated E-Z Grip single end offset ratcheting box wrench contains a 1" diameter wheel to service 6 spline on Sportster cycles.

Features, Benefits, & Specifications:

- Wrench is offset so the handle will not interfere with the motor case.
- Reversible ratcheting action so crankshaft can easily be reversed.
- Comfortable screwdriver-style handle allows user to apply more turning power with less pressure and fatigue to the hand.



Harley-Davidson 10 Spline Ratcheting Output Wrench
Model: Kastar 9794

Product Applications:

Used for rotation of the crankshaft on all Harley-Davidson Evolution 1340cc motors. This tool is needed to check engine timing and parts clearance.

Description of Tool:

Chrome plated E-Z Grip single end offset ratcheting box wrench contains a 1-1/8" diameter wheel to service 10 spline on Sportster cycles.

Features, Benefits, & Specifications:

- Wrench is offset so the handle will not interfere with the motor case.
- Reversible ratcheting action so crankshaft can easily be reversed.
- Comfortable screwdriver-style handle allows user to apply more turning power with less pressure and fatigue to the hand.



Shock Absorber Fork Oil Replenishment Kit
Model: Kastar 440

Special clear plastic tube and fitting allows replacement of the oil in the fork through the drain plug, without disassembling the fork and front end.



Crankshaft Bearing Endplay Setup Tool Part No. 437

Product Applications:

- Tool is used on engines to setup crankshaft bearing endplay.
- Engine Models include: Big Twin®

Description of Tool:

The tool consists of a large precision machined bolt & nut. The outer bearing races are pressed into the crankcase. Then the inner races along with the shims are assembled in the crankcase using the Crankshaft Bearing Endplay Setup Tool. Using a dial indicator endplay is then measured. Disassemble & change shims until desired endplay is reached.

Features, Benefits, & Specifications:

The diameter of the bolt is turned slightly smaller than the actual crankshaft diameter allowing the inner bearing races to be installed and removed without pressing them on or off as you would if you were using a crankshaft. This allows for much faster changing of shims and therefore faster setup time.



Steering Stem Bearing Endplay Setup Tool for Springer® Forks Part No. 444

Product Applications:

- Tool is used on Springer® Forks to setup steering stem bearing endplay.

Description of Tool:

The tool consists of a three-pronged offset spanner wrench with a hole through the center, allowing the threaded shaft to pass through.

Features, Benefits, & Specifications:

- The offset handle provides clearance for the fuel tank and other accessories.
- Triple prong engagement allows for precise stem bearing endplay adjustment.



Rear Isolator Replacement Tool Part No. 445

Product Applications:

- Tool is used to replace the rear isolator. Also the tool maybe used to remove the isolator, if necessary, to access other parts.
- Models include: S1 Lightning, S1 Cyclone, S2 Thunderbolt, S2T Thunderbolt, and S3T Thunderbolt.

Description of Tool:

The tool consists of an offset ratchet wrench with an extended handle. A threaded bolt is used to jack apart the frame and swing arm allowing an opening for the isolator to be removed. The assembly is kept from turning by a handle staked to the wheel opposite of the bolt.

Features, Benefits, & Specifications:

- The tool is of a higher strength and quality then tools currently on the market so it can be used for a lifetime.
- The tool has a vinyl ergonomic grip for comfort.
- The tool has a built-in limit feature that will not allow the motorcycle frame to be over spread.



Camshaft Gear Alignment Tool Part No. 485

Product Applications:

- The tool is used for "degreeing" a camshaft to stock specifications.
- Engine models include: All Evolution Big Twin®

Description of Tool:

The tool consists of a block with two pins and an arrow protruding out of it for gear tooth alignment and a diameter with a key for radial alignment.

Features, Benefits, & Specifications:

The tool locks the radial position of the gear and the camshaft together and allows the gear to be more easily and accurately pressed onto the camshaft. Therefore, reducing installation time.



Frame Support Tool Part No. 490

Product Applications:

- Tool is used to support the frame while engine is removed to prevent the bike from collapsing.
- Models includes: All Buells® (Except Blast)

Description of Tool:

The tool consists of a lightweight aluminum bar and a rod end that bolts directly to the engine mount and shock linkage.

Features, Benefits, & Specifications:

- Manufactured from lightweight T6061 aluminum alloy for easy positioning.
- Dimensional size allows for bike to remain standing while engine is removed.
- Rod end allows for bolt-in installation.



Intake Manifold Wrench
Part No. 5530

Product Applications:

- Wrench is used on engines to install and remove intake manifold socket head cap screws.
- Engine models include: Big Twin®

Description of Tool:

The tool consists of a reversing ratcheting box wrench with a plastic handle and a 1/4" ball-end Allen bit.

Features, Benefits, & Specifications:

- The wrench has a plastic ergonomic grip for comfort.
- The wrench is reversible allowing the operator to install or remove the intake manifold socket head cap screw.
- The Allen bit is a ball-end for flexibility in the tight area next to the intake runners.



17 Mini-Blade Gauge
Part No. 2636A

Product Applications:

For accurate clearances on distributor points, spark plugs, pistons and wherever close tolerances are critical.

Description of Tool:

17 strait blades, 1/4" wide X 1-3/4" long.

Features, Benefits, & Specifications:

- Easy-to-read decimal sizes and metric equivalents etched on each blade: .010, .012, .013, .015, .016, .017, .018, .019, .020, .022, .024, .025, .026, .028, .030, .032, .035
- Equipped with locknut, for easy blade removal.



Valve Tappet Gauge
Part No. 316A

Product Applications:

For accurate adjustment of valve tappets.

Description of Tool:

16 offset blades, appoximately 4" long.

Features, Benefits, & Specifications:

- Easy-to-read decimal sizes and metric equivalents etched on each blade: .005 thur .020 by thousandths.
- Complete range of sizes offset at the proper angle.



Motorcycle Tools

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Combination Tune-up Gauge Part No. 40A

Product Applications:

For accurate clearances on distributor points, spark plugs, valve tappets, brakes, pistons and wherever close tolerances are critical.

Description of Tool:

6 Round wires, 18 Straight blades (12 steel and 6 brass), and Electrode adjusting tool.

Features, Benefits, & Specifications:

- Easy-to-read decimal sizes: .025, .030, .034, .035, .040, .045
- Easy-to-read decimal sizes and metric equivalents etched on each blade:
 - brass/ .006, .008, .010, .012, .014, .016
 - steel/ .010, .012, .015, .016, .017, .018, .019, .020, .022, .024, .025, .026
- Electrode adjusting tool.



**Oil Filter Nipple Installer for Series 60 Detroit Diesel Engines
Part No. 486**

Product Applications:

Used to reinstall or tighten the oil filter nipple into the oil filter housing.

Description:

The tool consists of a 2" hex nut with a 3/8" drive plate

Features, Benefits & Specs:

- Features a 3/8" square drive so it can be used with a ratchet or torque wrench
- Can be easily used at every oil change interval to quickly check that the nipple is secure in the oil filter housing.
- Due to normal oil filter changes, the nipple has a tendency to come loose. When the nipple is loose, the filter can become loose during engine operation resulting in oil loss, down time and possible engine damage.



**Feeler Gauge Set for Heavy-Duty Truck Valve Lash Adjustment
Part No. 3078**

Product Applications:

This set contains all the gauges required to set slave piston lash on Detroit Diesel engines.

Tool Description:

4" offset feeler gauges with 0.002" step GO / NO GO

Features, Benefits & Specs:

- Feeler gauge blades will be in thicknesses required by each Jacobs Engine Brake model.
- 0.002" step is on the bottom side of the blade so that the GO/ NO GO can be felt against the exhaust rocker arm adjusting screw, or exhaust valve bridge depending on model engine.

Blade sizes and usage:

0.019"-0.021" Series 60 Model Year 1999 & Before
 0.022"-0.024" Series 60 All Model Years, Series 50
 0.025"-0.027" Series 60 All Model Years, Series 50
 0.031"-0.033" Series 60 Model Year 2000 & higher
 0.058"-0.060" Series 71, Series 92
 0.063"-0.065" Series 71, Series 92



**Feeler Gauge Set for Heavy-Duty Truck Valve Lash Adjustment
Part No. 3079**

Product Applications:

This handle and blade set was designed to make valve adjustments faster and easier.

Tool Description:

Double-ended plastic handle is color-coded light blue for intake and red for exhaust, with three different configurations of offset blades.

Features, Benefits & Specs:

- The mechanic only need select the required feeler gauge blades one time, and attach them to the handle with the finger nuts. The remainder of the feeler gauge blades can be left in his toolbox and only take the blades needed to the truck.
- Color-coded handle makes using the correct blade fast and accurate. Even in dimly lit shops he technician can be confident of using the correct blade without wasting time having to read the blades every time he sets them down and picks them up again.
- The loose sets of feeler gauge blades will have a range of .008" to .030" to cover all heavy-duty truck engine applications, and will come on a ring to keep them all together.



**Automatic Slack Adjuster Release Tool and Wrench
Part No. 4651**

Product Applications:

Used for adjusting Automatic Slack Adjusters.

Tool Description:

Set consists of a forked end tool to release the tensioner button, and a 5/16" double square offset reversible wrench with E-Z Grip handle.

Features, Benefits & Specs:

- Insert the Automatic Slack Adjuster Release Tool under the button of the pull-pawl on the Automatic Slack Adjuster to release the anti-reverse mechanism without prying.
- Spring tension of the pull-pawl will hold the tool in place.
- Use the offset reversible Automatic Slack Adjuster wrench to adjust the brake to drum clearance.
- Comfortable screwdriver-style handle allows user to apply more turning power with less pressure and fatigue to the hand.



Serpentine Belt Wrench for Heavy-Duty Trucks Part No. 8593

Product Applications:

Used to release any serpentine belt tensioner with 1/2" square drive opening.

Tool Description:

13" long chrome plated single and reversible ratcheting wrench. Wrench has a 1/2" square drive and vinyl grip.

Features, Benefits & Specs:

- Ratcheting action allows for better positioning of the tool, which gives more swing angle than a solid type serpentine belt wrench.
- The reversible ratchet head is only 1" thick so it will fit between the tensioner face and the fan blades on a Series 60 Detroit Diesel and some Caterpillar engines.
- This tool is also great for working on buses and delivery vans where the doghouse or engine shrouding can get in the way and make the work area very tight.
- Compact overall length keeps handle from coming in contact with radiator hoses, charged air cooler pipes, hydraulic lines or frame rails.
- Vinyl grip for comfort.



Heavy-Duty Truck Wheel Stud Installers Part No. 758 & 759

Product Applications:

Used for installing drive flange and spoke-wheel studs.

Tool Description:

1-1/4" hex: sizes 5/8 - 11 and 3/4 - 10

Features, Benefits & Specs:

- Easily turns in studs without damage to threads.
- Easily releases stud when removing tool.



Valve Stem Ratchets Part No. VSW18 & VSW20

Product Applications:

Used to remove and install valve stems in heavy-duty truck wheel rims.

Tool Description:

Chrome plated E-Z Grip single end offset ratcheting box wrench with a 9/16" (VSW-18) or 5/8" (VSW-20) 12-point broached opening.

Features, Benefits & Specs:

- Wrench is offset so the handle will not interfere with the wheel rim.
- Comfortable screwdriver-style handle allows user to apply more turning power with less pressure and fatigue to hand.



Thread Restorers

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Six Piece Unified National Fine Thread Restorer Tap Set Part No. 2586

Sizes:

- 1/4"-28
- 5/16"-24
- 3/8"-24
- 7/16"-20
- 1/2"-20
- 9/16"-18



Seven Piece Unified National Fine Thread Restorer Die Set Part No. 2592

Sizes:

- 1/4"-28
- 5/16"-24
- 3/8"-24
- 7/16"-20
- 1/2"-20
- 9/16"-18
- 5/8"-18



Thread Restorer Files Part No. 2665 2666, 2670

Eight Pitches: 11, 12, 13, 14, 16, 18, 20, 24 (Threads per Inch)

Part No. 2666

Eight Pitches: 9, 10, 12, 16, 20, 27, 28, 32 (Threads per Inch)

Part No. 2670

Eight Pitches: 0.75mm, 1.00mm, 1.25mm, 1.50mm, 1.75mm, 2.00mm, 2.50mm, 3.00mm (Millimeters per Thread)



Master SAE & Metric Rethreader Kit Part No. 972

Contains:

- seven UNC dies
- seven UNF dies
- six metric dies
- six UNC taps
- six UNF taps
- six metric taps
- one SAE rethreader file
- one metric rethreader file



Thread Restorers

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48 Pc. Master SAE & Metric Thread Restorer Kit Part No. 971

Contains:

seven UNC dies
seven UNF dies
ten metric dies
six UNC taps
six UNF taps
ten metric taps
one SAE rethreader file
one metric rethreader file



15 Pc. Master Metric Thread Restorer Set Part No. 2584

- 7 Metric Rethread Dies, Sizes: 6-1.00mm, 8-1.25mm, 10-1.25mm, 10-1.50mm, 12-1.25mm, 12-1.50mm, 12-1.75mm
- 7 Metric Rethread Taps, Sizes: 6-1.00mm, 8-1.25mm, 10-1.25mm, 10-1.50mm, 12-1.25mm, 12-1.50mm, 12-1.75mm
- 1 Metric Restorer File (8 Sizes): 0.75mm, 1.00mm, 1.25mm, 1.50mm, 1.75mm, 2.00mm, 2.50mm, 3.00mm



Axle/Spindle Nut Sockets

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Axle Nut / Spindle Nut sockets remove spindle nuts/axle nuts on either four-wheel-drive (4WD) or front-wheel-drive (FWD) vehicles. Application chart, Part No. 20157 is available at stores who offer Kastar Axle/Spindle Nut Sockets. Application chart contains a complete listing of all applications for the spindle nut sockets below.

Axle/Spindle Nut Sockets

Part #	Description	Part #	Description
1201	2 3/32" Hex axle nut socket	1221	2 1/2" Hex axle nut socket
1202	2 3/8" Hex axle nut socket	1222	2 5/8" Hex axle nut socket
1203	2 3/8" Oct. axle nut socket	1223	2 3/4" Hex axle nut socket
1204	2 9/16" Hex axle nut socket	1224	2 3/4" Rd. Oct. axle nut socket
1205	2 9/16" Oct. axle nut socket	1225	3 3/4" Oct. axle nut socket
1206	3" Hex axle nut socket	1226	2 13/16" Oct. axle nut socket
1207	3" Oct. axle nut socket	1227	3 13/16" Oct. axle nut socket
1208	3 1/4" Hex axle nut socket	1228	2 9/16" Rd. Hex axle nut socket
1209	3 1/4" Oct. axle nut socket	1229	54 mm Hex axle nut socket
1210	3 1/2" Hex axle nut socket	1232	2 7/8" Hex axle nut socket
1211	3 1/2" Oct. axle nut socket	1236	2 3/8" Rd. Hex axle nut socket
1212	3 7/8" Hex axle nut socket	1237	2 3/4" Oct. axle nut socket
1213	3 7/8" Oct. axle nut socket	1238	59mm Hex axle nut socket
1214	4" Hex axle nut socket	1298	Axle/Spindle Nut Plan-o-gram Contains: 1221, 1204, 1228, 1222, 1223, 1214, 1210, 1208, 1232, 1271, 1270, 1209, 1213, 1215
1215	4 1/8" Hex axle nut socket	1299	Axle/Spindle Nut Plan-o-gram Contains: 1201, 1220, 1202, 1236, 1206, 1212, 1225, 1205, 1238, 1229
1216	4 3/8" Hex axle nut socket		
1217	4 3/8" Oct axle nut socket		
1218	4 7/8" Hex axle nut socket		
1219	4 7/8" Oct. axle nut socket		
1220	2 1/4" Hex axle nut socket		

Part #	Description
1269C	4WD - 4Lug
1270C	4WD - 4Lug
1271C	4WD - 6Lug
1276C	Ford "Hi-Shear"
1242C	2 1/2" Thin Wall Rounded Hex
1243C	2 3/4" Rounded Hex

Part #	Description
1243C	2 3/4" Rounded Hex
1268C	34mm Front Wheel Drive (FWD)
1272C	30mm Front Wheel Drive (FWD)
1273C	36mm Front Wheel Drive (FWD)
1274C	32mm Front Wheel Drive (FWD)



**Oil Filter Nipple Installer for Series 60 Detroit Diesel Engines
Part No. 486**

Product Applications:

Used to reinstall or tighten the oil filter nipple into the oil filter housing.

Description:

The tool consists of a 2" hex nut with a 3/8" drive plate

Features, Benefits & Specs:

- Features a 3/8" square drive so it can be used with a ratchet or torque wrench
- Can be easily used at every oil change interval to quickly check that the nipple is secure in the oil filter housing.
- Due to normal oil filter changes, the nipple has a tendency to come loose. When the nipple is loose, the filter can become loose during engine operation resulting in oil loss, down time and possible engine damage.



**Automatic Slack Adjuster Release Tool and Wrench
Part No. 4651**

Product Applications:

Used for adjusting Automatic Slack Adjusters.

Tool Description:

Set consists of a forked end tool to release the tensioner button, and a 5/16" double square offset reversible wrench with E-Z Grip handle.

Features, Benefits & Specs:

- Insert the Automatic Slack Adjuster Release Tool under the button of the pull-pawl on the Automatic Slack Adjuster to release the anti-reverse mechanism without prying.
- Spring tension of the pull-pawl will hold the tool in place.
- Use the offset reversible Automatic Slack Adjuster wrench to adjust the brake to drum clearance.
- Comfortable screwdriver-style handle allows user to apply more turning power with less pressure and fatigue to the hand.



New Products

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3 Pc. Universal Ratcheting Serpentine Belt Wrench Set for Domestic and Import Vehicles Part No. 5344

- Sizes: 13mm or 1/2" Hex, 14mm Hex, 15mm Hex, 16mm or 5/8" Hex, 17mm Hex, 18mm Hex, 19mm or 3/4" Hex, 3/8" Square
- The Serpentine Belt Wrench Set is designed to release the tension on spring-loaded idler pulleys
- This set allows direct access to the tensioner without having to remove engine accessories or frame components
- Ratcheting wheels allow quick and easy positioning of the wrench driving end to allow the user to access the tensioner from any angle. This can be done by rotating the drive end on the wrench to match the position of the serpentine belt tensioner
- Heat treated and nickel chrome plated for durability, appearance, and long tool life



Intake Manifold Wrench Part No. 5530

Product Applications:

- Wrench is used on engines to install and remove intake manifold socket head cap screws.
- Engine models include: Big Twin®

Description of Tool:

The tool consists of a reversing ratcheting box wrench with a plastic handle and a 1/4" ball-end Allen bit.

Features, Benefits, & Specifications:

- The wrench has a plastic ergonomic grip for comfort.
- The wrench is reversible allowing the operator to install or remove the intake manifold socket head cap screw.
- The Allen bit is a ball-end for flexibility in the tight area next to the intake runners.



Magnetic Spark Plug Sockets Part No. 528 & 529

528: 5/8" diameter - 3/8" drive
529: 13/16" diameter - 3/8" drive

- Unique design prevents damage to the spark plug's ceramic top
- Magnet firmly holds the spark plug for easy installation and removal avoiding the chance of dropping and damaging the spark plug
- Unlike sockets with rubber inserts, the permanent magnet in this socket will not wear out or be damaged by exposure to heat and oil



Harley-Davidson Rocker Box Cover Ratcheting Bolt Wrench

Model: Kastar 6529

Product Applications:

Used for installation and removal of all Harley-Davidson Evolution motor rocker box covers.

Description of Tool:

9-3/4" long chrome plated single end reversible ratcheting wrench. Wrench contains 1/4" drive with 3/16" replaceable Allen bit, and vinyl grip.

Features, Benefits, & Specifications:

- Contains replaceable bit, so if bit is damaged a new bit can be purchased
- Reversible ratcheting action so bolts can be ratcheted in or out. If using a conventional wrench installers may unscrew the bolt up to the frame. Without the ability to reverse the bolt with a ratcheting wrench the bolt will be lodged in that position.
- Wrench is low profile to allow clearance between the frame and engine.
- Long handle for increased reach.
- Comfortable ergonomic rubber grip will not scratch chrome while working on rocker box cover.



Serpentine Belt Wrench for Heavy-Duty Trucks

Part No. 8593

Product Applications:

Used to release any serpentine belt tensioner with 1/2" square drive opening.

Tool Description:

13" long chrome plated single end reversible ratcheting wrench. Wrench has a 1/2" square drive and vinyl grip.

Features, Benefits & Specs:

- Ratcheting action allows for better positioning of the tool, which gives more swing angle than a solid type serpentine belt wrench.
- The reversible ratchet head is only 1" thick so it will fit between the tensioner face and the fan blades on a Series 60 Detroit Diesel and some Caterpillar engines.
- This tool is also great for working on buses and delivery vans where the doghouse or engine shrouding can get in the way and make the work area very tight.
- Compact overall length keeps handle from coming in contact with radiator hoses, charged air cooler pipes, hydraulic lines or frame rails.
- Vinyl grip for comfort.



New Products

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Harley-Davidson 6 Spline Ratcheting Output Wrench Model: Kastar 9793

Product Applications:

Used for rotation of the crankshaft on all Harley-Davidson Evolution Sportster motors. This tool is needed to check engine timing and parts clearance.

Description of Tool:

Chrome plated E-Z Grip single end offset ratcheting box wrench contains a 1" diameter wheel to service 6 spline on Sportster cycles.

Features, Benefits, & Specifications:

- Wrench is offset so the handle will not interfere with the motor case.
- Reversible ratcheting action so crankshaft can easily be reversed.
- Comfortable screwdriver-style handle allows user to apply more turning power with less pressure and fatigue to the hand.



Harley-Davidson 10 Spline Ratcheting Output Wrench Model: Kastar 9794

Product Applications:

Used for rotation of the crankshaft on all Harley-Davidson Evolution 1340cc motors. This tool is needed to check engine timing and parts clearance.

Description of Tool:

Chrome plated E-Z Grip single end offset ratcheting box wrench contains a 1-1/8" diameter wheel to service 10 spline on Sportster cycles.

Features, Benefits, & Specifications:

- Wrench is offset so the handle will not interfere with the motor case.
- Reversible ratcheting action so crankshaft can easily be reversed.
- Comfortable screwdriver-style handle allows user to apply more turning power with less pressure and fatigue to the hand.



Valve Stem Ratchets Part No. VSW18 & VSW20

Product Applications:

Used to remove and install valve stems in heavy-duty truck wheel rims.

Tool Description:

Chrome plated E-Z Grip single end offset ratcheting box wrench with a 9/16" (VSW-18) or 5/8" (VSW-20) 12-point broached opening.

Features, Benefits & Specs:

- Wrench is offset so the handle will not interfere with the wheel rim.
- Comfortable screwdriver-style handle allows user to apply more turning power with less pressure and fatigue to hand.



New Products

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Tiger's Paw Adjustable Wrenches Part No. 414, 415, 416, & 417

Product Applications:

For loosening or tightening nuts and bolts.

Tool Description:

Adjustable wrenches in 6", 8", 10" or 12" lengths.

Features, Benefits & Specs:

- The unique functioning jaw design precisely grips the flat surface of the fastener while avoiding and protecting the corners of the nut.
- "Sure-grip" feature also reduces slippage that can damage fastener.
- Tiger's Paw™ wrenches have a "non-protruding feature" on the movable jaw end. This allows a greater ease of use in tight spaces when the jaw is opened to it's maximum width.
- Our new geometric "Less Weight Stronger Handle Design" reduces the overall weight of the tool by 10%.
- 18% to 25% wider jaw opening increases useful range of fastener sizes and give the advantages of economy, convenience and lighter weight.
- Professional Quality made of Chrome Vanadium Steel.
- Laser etched gauge displays inches on one side of jaw, millimeter on the other.
- Patented



Reversible & Offset GEARTECH ratcheting combination wrench sets Part No. 5401 & 5402

Description of Tool:

- Thin profile and knuckle clearance
- One hand reversing button
- Fine tooth ratcheting action - 5 degree sweep

Features, Benefits, & Specifications:

- All box openings are 12 point Torque Grip®
- Attractive retail, demonstration mode packaging
- Polished chrome-vanadium steel

7-Pc Standard Set (No. 5401)

Includes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"

7-Pc Metric Set (No. 5402)

Includes: 8, 10, 12, 13, 14, 15, 17mm



New Products

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43-Pc. GEARTECH MASTER tool sets Part No. 5407 & 5408

Features, Benefits, & Specifications:

- Includes the Ratcheting Palm Driver System
- GEARTECH bit adaptor
- Transforms to a ratchet handle
- This versatile tool set can do it all
- Attractive retail packaging includes heavy-duty reuseable and portable blow-molded box.

43-Pc Standard Set (No. 5407) Includes:

- (5) GEARTECH combination wrenches - 3/8", 7/16", 1/2", 9/16", 5/8"
- (10) 1/4" Dr. 6-pt. sockets - 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
- (7) 3/8" Dr. 6-pt. sockets - 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

43-Pc Metric Set (No. 5408) Includes:

- (5) GEARTECH combination wrenches - 10mm, 12mm, 13mm, 14mm, 15mm
- (10) 1/4" Dr. 6-pt. sockets - 4mm, 4.5mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 13mm
- (7) 3/8" Dr. 6-pt. sockets - 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm

Included in BOTH SETS:

- (1) 3/8" Dr. 3" extension bar
- (1) 3/8" female to 1/4" male adaptor
- (1) 3/8" Dr. GEARTECH wrench adaptor
- (1) 1/4" Dr. 60L bit holder
- (1) 1/4" Dr. coupler
- (1) Fingertip ratchet
- (15) Most popular slotted, Phillips® and TORX® bits



Latch-On® Box Wrenches Part No. 5422 & 5424

Product Applications:

Those "hard-to-get-at" nuts and bolts are easy to turn with these top quality ratcheting box wrenches.

Description of Tool:

Flat ratcheting box wrench set.

Standard sizes: 1/4"x5/16", 3/8"x7/16", 1/2"x9/16", 5/8"x3/4", 11/16"x7/8".

Metric Sizes: 7x8mm, 9x10mm, 11x12mm, 13x14mm, 15x17mm

Features, Benefits, & Specifications:

- Feature a built-in non-slip retaining ring in each ratchet wheel to create the ultimate in speed and safety when turning fasteners.
- A nut can be tightened or loosened up to five times faster than with a conventional wrench or ratchet wrench.
- Reduces chance of busting knuckles because of annoying slippage of the fastener.



New Products

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7 Pc. Ratcheting Screwdriver Bit Wrench Set Part 5278

This screwdriver bit set is designed for installing or removing screws quickly and easily.

The set contains: three bit wrenches, two offset and one flat, four bits, a #1 Phillips, #2 Phillips, 1/4" Slotted, and a 9/32" slotted.

Description

The three bit wrenches each contain a powerful magnet that holds any 1/4" hex bit securely, and a vinyl grip for comfort. Reverse direction by simply flipping the reversing pawl. Knurled spinner wheel allows for finger tightening of fasteners. Ideal for use in the home, auto, marine or on hobbies. The tools parts are heat-treated and nickel plated for durability, appearance, and long tool life.



6 Pc. Wheel Stud Installer Kits Part No. 755 & 938

- Patented six-piece set saves time by allowing you to install the new wheel stud correctly the first time
- Self centering wheel stud installer kit insures that the thread is installed at the correct angle every time
- Installer nuts will not damage wheel stud threads

Components are impact gun compatible

- #755 kit is intended for use on Light Trucks and SUV's and contains sizes: 1/2"-20, 9/16"-18, 12mm-1.75, and 14mm-1.50, plus spacer and washer
- #938 kit is intended for use on Automobiles and contains sizes: 7/16"-20, 1/2"-20, 12mm-1.25, and 12mm-1.50, plus spacer and washer
- Patented



Reversible T-Handle Palm Ratchet Wrench Part No. 863Q

Product Applications:

Use the ratchet wrench where space is restricted, but power is needed.

Description of Tool:

1/4" drive ratchet, with reversing lever and quick-release press-button.

Features, Benefits, & Specifications:

- The wrench combines the advantages of a T-handle and a reversible ratchet.
- The ratcheting T-handle allows excellent hand leverage enabling more torque than a normal screwdriver or nut-driver.
- The wrench can be used with any 1/4" extensions, sockets or bit holder.